

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land

Checked by Chief R. Q.
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 5-13-61
 OW WW TA
 GW OS PA ✓

Location Inspected
 Bond released
 State of Fee Land

LOGS FILED

Driller's Log 10-31-61

Electric Logs (No.) 2

E I E-I ✓ GR GR-N ✓ Micro
 Lat Mi-L Sonic Others

PCR 8-15-90

041

April 21, 1961

American Metal Climax, Inc.
Room 330 - Columbine Bldg.
1845 Sherman Street
Denver 3, Colorado

Attn: A. J. Carter, Jr., Supervising Pet. Eng.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Black Dragon Government #1, which is to be located 1962 feet from the south line and 632 feet from the east line of Section 32, Township 21 South, Range 13 East, SLEM, Emery County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE SECRETARY

CBF:awg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

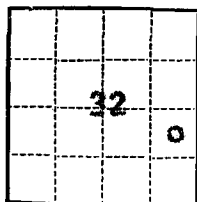
H. L. Coonts - OGCC, Moab

CONDITIONS OF APPROVAL

1. The lessee or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and location of the well and shall take all necessary precautions to preserve these markings.
2. A conductor or surface string of casing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and length and have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, oil or water is encountered.
3. All showings of oil or gas are to be adequately tested for their commercial possibilities. All showings shall be properly protected by mud, cement, or casing so that each showing will be confined to its original stratum. Necessary precautions shall be taken to prevent waste or damage to other minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash, and salt.
4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the office of the U. S. Geological Survey, P. O. Box 400, Casper, Wyoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.
5. Two copies of the log of this well on Form 9-330, or other acceptable form and when available two copies of all electrical logs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator on completion of the well whichever is earlier.
6. The District Engineer, D. F. Russell, 445 Federal Bldg., Salt Lake City 1, Utah Phone EM4-2552, Ext. 43 shall be notified on Form 9-331a in triplicate giving thereon all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation tests, shooting or acidizing, running or cementing casing, other than the surface or conductor string, to permit approval of the notice prior to date of proposed work.

U-09858

APR 19 1961
Approved _____*J. W. Nantel*
District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office **Salt Lake City**
Lease No. **U-09858**
Unit **-**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 26, 1961

Black Dragon Government

Well No. 1 is located 1962 ft. from NE line and 632 ft. from E line of sec. 32

NE/4 SE/4 Sec. 32 T21S R13E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 5754 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

4/24/61: Ran 5 jts. (161.42') of 10-3/4" OD H-40 8 rd. thd. Lone Star EW surface casing set at 175' KB and cemented with 135 sacks. Plug down at 11:45 a.m. WCC.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company American Metal Climax, Inc.--Oil Division

Address Room 330 - Columbine Building

1845 Sherman St.

Denver 3, Colorado

By W. C. Hubbard
Title Field Engineer

AMERICAN METAL CLIMAX, INC.

330 COLUMBINE BUILDING
1845 SHERMAN STREET
DENVER 3, COLORADO
TELEPHONE AMHERST 6-3627

April 26, 1961

MAIN OFFICE
1270 AVENUE OF THE AMERICAS
NEW YORK 20, NEW YORK

Mr. Cleon B. Feight, Secretary
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

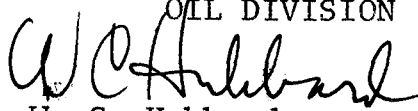
Subject: Black Dragon Gov't #1
Emery County, Utah
Our file 770-010

Dear Mr. Feight:

Enclosed are two copies of our Subsequent Report
of Water Shut-off on the Black Dragon Government No. 1 well
in Emery County, Utah.

Yours very truly,

AMERICAN METAL CLIMAX, INC.
OIL DIVISION


W. C. Hubbard

WCH/eh
Enclosures

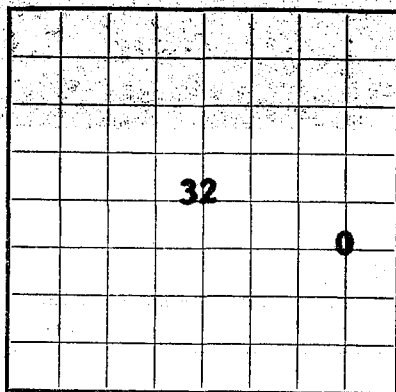
U. S. LAND OFFICE

Salt Lake City

SERIAL NUMBER

E-09858

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company American Metal Climax, Inc. Address 1845 Sherman St.
Lessor or Tract Black Dragon Gov't Field Wildcat State Utah
Well No. 1 Sec. 32 T. 21S R. 13E Meridian SLM County Emery
Location 1962 ft. N. of S. Line and 632 ft. xx of E. Line of 32 Elevation 5754' GL
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Original Signed by

Signed

W. C. HUBBARD

Date October 30Title Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling April 23, 1961 Finished drilling May 13, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from none to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from none to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4" 32.75	8	8	Steel	161.42'	Ball	Surface			Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	4370-4420	25	Disp.	90 lbs/gal.	
	2150-220	25	"	"	
	1250-1300	25	"	"	
	160-195	25	"	"	

Top of surface 5

PLUGS AND ADAPTERS "

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

LOGGING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **Surface** feet to **RTD** feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%
 emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>Gamma Ray-Neutron Log Tops:</u>
	Kaibab ls		surface
	Coconino ss		63'
	Wolfcamp carbonate		740'
	Pennsylvanian Hermosa		1236'
Paradox Evaporite mbr			1754'
	Lower Hermosa		1868'
	Mississippian Leadville		2170'
	Ouray ls		2810'
	Elbert fm.		2930'
	Lynch dolomite		3179'
	Bowman & Hartman		3876'
	Ophir shale		4215'
	Tintic ss		4414'
	pre-Cambrian granite		4580'
	total depth		4640'
LOG—	TO—	DEPTH	FORMATION

(OVER)
 LOGGING RECORD—CONTINUED

16-43094-4

OCT 31 1961

FORM 2-530

REVIEW OF LOGGING RECORD

REVIEWED BY _____

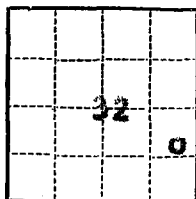
DATE _____

REVIEWED BY _____

DATE _____

(SUBMIT IN TRIPLICATE)

Land Office **Salt Lake City**
Lease No. **U-09858**
Unit **-**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 15, 19 61

Black Dragon Government

Well No. **1** is located **1962** ft. from **N** line and **632** ft. from **E** line of sec. **32**

NE/4 SE/4 **Sec. 32** **T21S** **R13E** **SLM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Emery** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ **ground** above sea level is **5754** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

5/13/61: The total depth of this well was 4640'. Induction - Electrical, Caliper-sonic and Gamma Ray-Neutron logs were run. It is proposed to abandon this well as follows:

25 sx 4370 - 4420' (Tintic ss)
25 sx 2150 - 2200' (Mississippian Leadville)
25 sx 1250 - 1300' (Hermosa)
20 sx 160 - 195' (Base surface pipe)
5 sx Top of surface pipe.

A regulation dry hole marker will be erected. Circulation will be established and drilling mud will be spotted between plugs. Above work will be done according to verbal approval obtained from Mr. Joe Harstead, USGS Engineer.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **American Metal Climax, Inc - Oil Division**

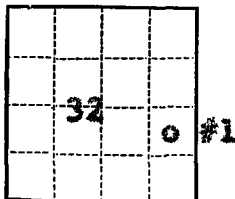
Address **Room 330 - Columbine Building**

1845 Sherman St.

Denver 3, Colorado

Original Signed by:

By **W.C. Hubbard**
Title **Field Engineer**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Salt Lake City

Land Office _____
Lease No. **5-09858**
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 16, 19 61

Black Dragon Government
Well No. **1** is located **1962** ft. from **N** line and **632** ft. from **E** line of sec. **32**

NE 4 SE/4 **Sec. 32** **T21S** **R13E** **SLM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Emery** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~drill floor~~ ^{ground} above sea level is **5754** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

5/13/61: The total depth of this well was 4540'. Well was abandoned as follows:

25 sx 4370 - 4420' (Tintic ss)
25 sx 2150 - 2200' (Mississippian Leadville)
25 sx 1250 - 1300' (Hermosa)
20 sx 160 - 195' (Base surface pipe)
5 sx Top of surface pipe.

A regulation dry hole marker has been erected. Circulation was established and drilling mud was spotted between plugs. All work was done in accordance with verbal instructions from Mr. Joe Harstead, USGS Engineer.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **American Metal Climax, Inc. - Oil Division**

Address **Room 330 - Columbine Building**

1845 Sherman St.

Denver 3, Colorado

Original Signed by:

W. C. HUBBARD

By **W.C. Hubbard**
Title **Field Engineer**

AMERICAN METAL CLIMAX, INC.

330 COLUMBINE BUILDING
1845 SHERMAN STREET
DENVER 3, COLORADO
TELEPHONE AMHERST 6-3627

MAIN OFFICE
1270 AVENUE OF THE AMERICAS
NEW YORK 20, NEW YORK

May 16, 1961

Mr. Cleon B. Feight, Secretary
Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Subject: Black Dragon Gov't #1
Emery County, Utah
Our file 770-010

Dear Mr. Feight:

Enclosed are two copies each of our Notice of Intention
to Abandon Well and Subsequent Report of Abandonment on the
Black Dragon Government No. 1 well in Emery County, Utah.

Yours very truly,

AMERICAN METAL CLIMAX, INC.
OIL DIVISION



W.C. Hubbard

WCH/dd

Enclosures



AMERICAN METAL CLIMAX, INC.
OIL DIVISION

330 COLUMBINE BUILDING
1845 SHERMAN STREET, DENVER 3, COLORADO • AMHERST 6-3627

October 30, 1961

Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Attention: Ann W. Glines, Records Clerk

Subject: Black Dragon Gov't #1
Sec. 32-T21S-R13E
Emery County, Utah
Our file 770-010

Gentlemen:

Enclosed are two copies of well log on the subject well together with one copy each of the Induction-Electrical and Gamma Ray-Neutron logs.

Sincerely,

AMERICAN METAL CLIMAX, INC.

W. C. Hubbard

WCH/eh
Enclosures